

ATGBICS AFBR-89FMDZ Avago Broadcom Compatible Transceiver
QSFP28 100GBase-SR4 (850nm, MMF, 100m, MPO, DOM)

Brand : ATGBICS

Product code: AFBR-89FMDZ-C

Product name : AFBR-89FMDZ Avago Broadcom
Compatible Transceiver QSFP28 100GBase-SR4 (850nm,
MMF, 100m, MPO, DOM)



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100m, MPO, DOM):

ATGBICS AFBR-89FMDZ 100GBase-SR4 QSFP28 supports a distance of up to 100m over OM4 multi-mode
fibre (MMF) using a wavelength of 850nm via an MPO connector. Digital optical monitoring (DOM)
support is also present enabling real-time monitoring of the parameters of the fibre optic
transceiver. Our product meets the specification of AFBR-89FMDZ= and we proudly offer a compatibility
guarantee and lifetime warranty. Our rigorously tested products record a unique traceable serial number
and are fully compliant with all MSA Standards.



Performance		Power	
SFP transceiver type *	Fiber optic	Input voltage	3.3 V
Maximum data transfer rate *	100000 Mbit/s	Maximum voltage	3.5 V
Interface type *	QSFP28	Power consumption (typical)	4 W
Single-mode fiber (SMF) supported	✗	Operational conditions	
Multi-mode fiber (MMF) supported	✓	Maximum operating temperature	70 °C
Fiber optic connector	MPO	Operating temperature (T-T)	0 - 70 °C
SFP transceiver standard	SR4	Storage temperature (T-T)	-40 - 85 °C
Maximum transfer distance	100 m	Operating relative humidity (H-H)	0 - 95%
Wavelength	850 nm	Storage relative humidity (H-H)	0 - 95%
Ethernet LAN	✓	Weight & dimensions	
Ethernet interface type	100 Gigabit Ethernet	Width	13.5 mm
Digital Diagnostics Monitoring (DDM)	✓	Depth	72.4 mm
Features		Height	18.4 mm
Product colour	Silver	Weight	100 g
Housing material	Metal	Packaging data	
Plug and Play	✓	Number of products included	1 pc(s)
Hot-Plug support	✓	Package type	Box
Hot-swap	✓	Technical details	
Easy to install	✓	Sustainability compliance	✓
Country of origin	China	Sustainability certificates	RoHS
Brand compatibility	Avago Technologies	Doesn't contain	Lead
Certification	CE, FCC, RoHS		



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